

Author Index to Volume 19

- Abenante, F.: see Kotak, V. C.
- Akesson, T. R. and Micevych, P. E.: Evidence for an Absence of Estrogen-concentration by CCK-immunoreactive Neurons in the Hypothalamus of the Female Rat, 3
- Arkett, S. A.: Development and Senescence of Control of Ciliary Locomotion in a Gastropod Veliger, 612
- Arnold, A. P.: see DeVoogd, T. J.
- Arnold, A. P.: see Jordan, C. L.
- Baptista, C. A. and Macagno, E. R.: The Role of the Sexual Organs in the Generation of Postembryonic Neurons in the Leech *Hirudo medicinalis*, 707
- Bisby, M. A.: see Kelly, M. E. M.
- Blankenship, J. E.: see Painter, S. D.
- Bottjer, S. W. and Dignan, T. P.: Joint Hormonal and Sensory Stimulation Modulate Neuronal Number in Adult Canary Brains, 624
- Brenowitz, E. A.: see DeVoogd, T. J.
- Brodfehrer, P. D. and Hoy, R. R.: Effect of Auditory Deafferentation on the Synaptic Connectivity of a Pair of Identified Interneurons in Adult Field Crickets, 17
- Caprio, J.: see Kanwal, J. S.
- Clark, G. A.: see Frost, W. N.
- Cohen, A. H.: Regenerated Fibers of the Lamprey Spinal Cord Can Coordinate Fictive Swimming in the Presence of Curare, 193
- Coulter, H. D., Gershon, M. D., and Rothman, T. P.: Neural and Glial Phenotypic Expression by Neural Crest Cells in Culture: Effects of Control and Presumptive Aganglionic Bowel from *ls/ls* Mice, 507
- Denburg, J. L., Powell, S. L., and Murphy, Jr., B. F.: Absence of Competitive Interactions Among Axon Terminals of Regenerating Motor Neurons, 656
- DeVoogd, T. J., Brenowitz, E. A., and Arnold, A. P.: Small Sex Differences in Song Control Dendrites Are Associated with Minimal Differences in Song Capacity, 199
- Dignan, T. P.: see Bottjer, S. W.
- Eisele, L. E. and Schmidt, J. T.: Activity Sharpens the Regenerating Retinotectal Projection in Goldfish: Sensitive Period for Strobe Illumination and Lack of Effect on Synaptogenesis and on Ganglion Cell Receptive Field Properties, 395
- Farbman, A. I.: see Johnson, R. R.
- Fenstemaker, S.: see Kelley, D. B.
- Filion, P. R.: see Lavoie, P.-A.
- Fisher, M. D. and Udin, S. B.: Connections Between the Nucleus Isthmi and the Tectum in Larval and Post-Metamorphic Axolotls, 111
- Frank, E.: see Peng, Y.-Y.
- Frost, W. N., Clark, G. A., and Kandel, E. R.: Parallel Processing of Short-term Memory for Sensitization in *Aplysia*, 297
- Gershon, M. D.: see Coulter, H. D.
- Goddard, D. J.: see Westin, J.
- Gonzales, F.: see Johnson, R. R.
- Goransson, L. G., Hunt, W. P., and Velez, S. J.: Regeneration Studies on a Crayfish Neuromuscular System. II. Effect of Changing the Nerve Entry Point into the Muscle Field on the Gradient of Innervation, 141
- Govind, C. K., Pearce, J., and Potter, D. J.: Neural Attrition Following Limb Loss and Regeneration in Juvenile Lobsters, 667
- Hannigan, P.: see Kelley, D. B.
- Haydon, P. G. and Kater, S. B.: The Differential Regulation of Formation of Chemical and Electrical Connections in *Helisoma*, 636
- Herrera, A. A.: see Werle, M. J.
- Hoy, R. R.: see Brodfehrer, P. D.
- Hsiao, T. H.: see Miljanich, G. P.
- Hunt, W. P.: see Goransson, L. G.
- Hwang, J.-C.: see Worden, M. K.
- Jellies, J. and Kristan, Jr., W. B.: An Identified Cell is Required for the Formation of a Major Nerve During Embryogenesis in the Leech, 153
- Johnson, R. R., Farbman, A. I., and Gonzales, F.: The Effect of Cyclic AMP on Neuritic Outgrowth in Explant Cultures of Developing Chick Olfactory Epithelium, 681
- Jordan, C. L., Letinsky, M. S., and Arnold, A. P.: Synapse Elimination Occurs Late in the Hormone-sensitive Levator Ani Muscle of the Rat, 335

- Kandel, E. R.: see Frost, W. N.
- Kanwal, J. S. and Caprio, J.: Overlapping Taste and Tactile Maps of the Oropharynx in the Vagal Lobe of the Channel Catfish, *Ictalurus punctatus*, 211
- Kater, S. B.: see Haydon, P. G.
- Kater, S. B.: see Mattson, M. P.
- Kelley, D. B., Fenstemaker, S., Hannigan, P., and Shih, S.: Sex Differences in the Motor Nucleus of Cranial Nerve IX-X in *Xenopus laevis*: A Quantitative Golgi Study, 413
- Kelley, D. and Macagno, E.: Editorial, 1
- Kelly, M. E. M., Bisby, M. A., and Lukowiak, K.: Regeneration Restores Some of the Altered Electrical Properties of Axotomized Bullfrog B-cells, 357
- Kotak, V. C., Page, C. H., and Abenante, F.: Intersegmental Modulation of Abdominal Postural Responses Initiated by Mechanostimulation of the Swimmeret in Lobster, 223
- Kristan, Jr., W. B.: see Jellies, J.
- Lavoie, P.-A., Filion, P. R., and Pharand, M.: Dissociation of the Inhibition of Fast Axonal Transport by Chlorimipramine from an Effect on Axonal Microtubules, 498
- Letinsky, M. S.: see Jordan, C. L.
- Lloyd, P. E., Masinovsky, B. P., and Willows, A. O. D.: Multiple Transmitter Neurons in *Tritonia*. I. Biochemical Studies, 39
- Lloyd, P. E. and Willows, A. O. D.: Multiple Transmitter Neurons in *Tritonia*. II. Control of Gut Motility, 55
- Lloyd, P. E.: see Willows, A. O. D.
- Lukowiak, K.: see Kelly, M. E. M.
- Macagno, E. R.: see Baptista, C. A.
- Macagno, E.: see Kelley, D.
- Masinovsky, B. P.: see Lloyd, P. E.
- Masinovsky, B. P.: see Willows, A. O. D.
- Mattson, M. P. and Kater, S. B.: Fibronectin-like Immunoreactivity in *Helisoma* Buccal Ganglia: Evidence that an Endogenous Fibronectin-like Molecule Promotes Neurite Outgrowth, 239
- Mellon, Jr., D. and Quigley, M. M.: Disruption of Muscle Reorganization by Lesions of the Peripheral Nerve in Transforming Claws of Snapping Shrimps, 532
- Micevych, P. E.: see Akesson, T. R.
- Miljanich, G. P., Yeager, R. E., and Hsiao, T. H.: Leptinotarsin-D, a Neurotoxic Protein, Evokes Neurotransmitter Release from, and Calcium Flux into, Isolated Electric Organ Nerve Terminals, 373
- Murphy, Jr., B. F.: see Denburg, J. L.
- Murrain, M. and Ritzmann, R. E.: Analysis of Proprioceptive Inputs to DPG Interneurons in the Cockroach, 552
- Nagle, G. T.: see Painter, S. D.
- Ochs, S.: Van Harreveld 1904-1987, 387
- Page, C. H.: see Kotak, V. C.
- Painter, S. D., Rock, M. K., Nagle, G. T., and Blankenship, J. E.: Peptide B Induction of Bag-cell Activity in *Aplysia*: Localization of Sites of Action to the Cerebral and Pleural Ganglia, 695
- Pearce, J.: see Govind, C. K.
- Pearson, K. G.: see Ramirez, J. M.
- Peng, Y-Y and Frank, E.: Anatomical Specificity of Regenerated Muscle Sensory Afferents in the Spinal Cord of the Bullfrog, 727
- Pharand, M.: see Lavoie, P.-A.
- Podleski, T. R. and Salpeter, M. M.: Acetylcholine Receptor Clustering and Triton Solubility: Neural Effect, 167
- Pollack, A. J., Ritzmann, R. E., and Westin, J.: Activation of DUM Cell Interneurons by Ventral Giant Interneurons in the Cockroach, *Periplaneta americana*, 489
- Pollack, A. J.: see Ritzmann, R. E.
- Potter, D. J.: see Govind, C. K.
- Powell, S. L.: see Denburg, J. L.
- Prior, D. J. and Watson, III, W. H.: The Molluscan Neuropeptide, SCPB, Increases the Responsiveness of the Feeding Motor Program of *Limax maximus*, 87
- Quigley, M. M.: see Mellon, Jr., D.
- Ramirez, J. M. and Pearson, K. G.: Generation of Motor Patterns for Walking and Flight in Motoneurons Supplying Bifunctional Muscles in the Locust, 257
- Raymond, P. A., Reifler, M. J., and Rivlin, P. K.: Regeneration of Goldfish Retina: Rod Precursors Are a Likely Source of Regenerated Cells, 431
- Reifler, M. J.: see Raymond, P. A.
- Ritzmann, R. E. and Pollack, A. J.: Wind-Activated Thoracic Interneurons of the Cockroach. II. Patterns of Connection from Ventral Giant Interneurons, 589
- Ritzmann, R. E.: see Murrain, M.
- Ritzmann, R. E.: see Pollack, A. J.
- Ritzmann, R. E.: see Westin, J.

- Kivlin, P. K.: see Raymond, P. A.
Rock, M. K.: see Painter, S. D.
Rothman, T. P.: see Coulter, H. D.
- Salpeter, M. M.: see Podleski, T. R.
Schmidt, J. T.: see Eisele, L. E.
Shih, S.: see Kelley, D. B.
Snyder, R. E.: The Release of Axonally Transported Material from an *In Vitro* Amphibian Sciatic Nerve Preparation, 283
- Udin, S. B.: see Fisher, M. D.
- Velez, S. J.: see Goransson, L. G.
Velez, S. J.: see Worden, M. K.
- Watson, III, W. H.: see Prior, D. J.
Werle, M. J. and Herrera, A. A.: Synaptic Competition and the Elimination of Polyneuronal Innervation Following Reinnervation of Adult Frog Sartorius Muscles, 465
- Westin, J., Ritzmann, R. E., and Goddard, D. J.: Wind-Activated Thoracic Interneurons of the Cockroach. I. Responses to Controlled Wind Stimulation, 573
- Westin, J.: see Pollack, A. J.
- Willows, A. O. D., Lloyd, P. E., and Masinovsky, B. P.: Multiple Transmitter Neurons in *Tritonia*. III. Modulation of Central Pattern Generator Controlling Feeding, 69
- Willows, A. O. D.: see Lloyd, P. E.
- Worden, M. K., Hwang, J.-C., and Velez, S. J.: Regeneration Studies on a Crayfish Neuromuscular System. I. Connectivity Changes After Intersegmental Nerve Transplants, 127
- Yeager, R. E.: see Miljanich, G. P.